

**AMENDMENTS TO THE CLAIMS**

Please amend the claims of the present application as set forth below. More specifically, a detailed listing of all claims is provided below. This listing of claims will replace all prior versions and listings of claims in the application. Changes to the claims are shown by strikethrough or double brackets (for deleted matter) and underlining (for added matter).

By way of overview, claims 1-4, 6-12, 14-30, and 32-55 will be pending upon entry of this Response. More specifically, the status of the claims is indicated below:

- a) Claims 1, 2, 12, 16, 19, 30, and 41 are currently amended;
- b) Claims 3, 4, 6-11, 14, 15, 17, 18, 20-29, 32-34, 36-40, and 42-49 are original;
- c) Claims 35 and 50-55 are previously presented; and
- d) Claims 5, 13, and 31 are canceled without prejudice or disclaimer.

The listing of claims follows on the next page:

1           1. (Currently amended) A method of managing a software license, comprising:  
2           issuing a license to a client, the license having an expiration date;  
3           ~~receiving a license request from the client during a license update period;~~  
4           in response to [[the]] receiving a license request within a license update period,  
5           wherein the license update period begins a predetermined time before the expiration date,  
6           providing a new expiration date for the license [[; ]]and reissuing the license with the new  
7           expiration date to the client[[,]]; and  
8           in response to not receiving a license request within the license update period,  
9           ~~wherein the method further comprises making the license available to be issued to [[any]]~~  
10          another client if the client does not provide a license request.

11  
12          2. (Currently amended) A method of managing a software license, comprising:  
13          issuing a license to a client, the license having an expiration date;  
14          in response to receiving a license request from the client during a license update  
15          period[,:];  
16                  determining that the client has lost the license;  
17                  issuing a new license to the client if a new license is available, the new  
18          license having a new expiration date; and  
19                  issuing a temporary license to the client if a new license is not available,  
20          the temporary license being valid for a temporary period[[,]]; and  
21          in response to not receiving a license request within the license update period,  
22          ~~wherein the method further comprises making the license available to be issued to [[any]]~~  
23          another client if the client does not provide a license request.

1           3. (Original) A method as recited in claim 2, wherein a temporary license has  
2 been issued to the client and the temporary license is within the temporary period, the  
3 method further comprising:

4           receiving a license request each time the client accesses a terminal server;  
5           reissuing the license to the client if the license is available, the reissued license  
6 having a new expiration date;

7           issuing a new license to the client if the license is not available and a new license  
8 is available, the new license having a new expiration date; and

9           granting the client access to terminal server resources when the license is not  
10 reissued and a new license is not issued.

11  
12           4. (Original) A method as recited in claim 2, wherein a temporary license has  
13 been issued to the client and the temporary license is beyond the temporary period, the  
14 method further comprising:

15           receiving a license request when the client accesses a terminal server;  
16           reissuing the license to the client if the license is available, the reissued license  
17 having a new expiration date;

18           issuing a new license to the client if the license is not available and a new license  
19 is available, the new license having a new expiration date; and

20           denying the client access to terminal server resources when the license is not  
21 reissued and a new license is not issued.

22  
23           5. (Canceled).

24  
25           6. (Original) A method as recited in claim 2, further comprising:

1        selecting the expiration date to be a random date such that a period extending  
2        from the day the license is issued through the expiration date of the license is at least one  
3        day less than the length of the temporary period.

4  
5        7. (Original) A method as recited in claim 2, wherein the license update period  
6        begins a predetermined number of days before the expiration date.

7  
8        8. (Original) A method as recited in claim 2, wherein the temporary period is a 90  
9        day period.

10  
11       9. (Original) A method as recited in claim 6, wherein the random date is between  
12       52 and 89 days from the date the license is issued.

13  
14       10. (Original) A method as recited in claim 2, wherein the temporary license is  
15       non-renewable.

16  
17       11. (Original) Computer-readable media having computer-readable instructions  
18       for performing the method as recited in claim 2.

19  
20       12. (Currently amended) A method of managing a software license, comprising:  
21       receiving a license request from a client;  
22       determining that the expiration date of a license previously issued to the client has  
23       been reached without the client making a license request, resulting in the return of the  
24       license to an available pool of licenses;  
25

1 reissuing the license to the client if the license is available, the reissued license  
2 having a new expiration date;

3 issuing a new license to the client if a new license is available and the previously  
4 issued license is not available, the new license having a new expiration date; and

5 denying the client access to software resources if the previously issued license is  
6 not reissued and a new license is not issued.

7  
8 13. (Canceled).

9  
10 14. (Original) A method as recited in claim 12, wherein the software resources are  
11 located on a terminal server.

12  
13 15. (Original) Computer-readable media having computer-readable instructions  
14 for performing the method as recited in claim 12.

15  
16 16. (Currently amended) A method, comprising:  
17 receiving a license to access software resources, the license having an expiration  
18 date;

19 ~~requesting a license update during an update period preceding the expiration date;~~  
20 and

21 in response to ~~the requesting~~ receiving a license request within an update period  
22 preceding the expiration date, receiving the license as a reissued license during the update  
23 period, the reissued license having a new expiration date[.,,]; and

1        in response to not receiving a license request within the license update period,  
2        ~~wherein the method further comprises making the license available to be issued to [[any]]~~  
3        another client if the client does not provide a license request.

4  
5        17. (Original) A method as recited in claim 16, wherein the software resources are  
6        located on a terminal server.

7  
8        18. (Original) A method as recited in claim 17, wherein requesting a license  
9        update occurs upon accessing the terminal server.

10  
11        19. (Currently amended) A method, comprising:  
12        receiving a license to access software resources, the license having an expiration  
13        date;  
14        in response to receiving a license request from the client during a license update  
15        period:

16                determining that the client has ~~having lost the license, requesting a license~~  
17        ~~update during a license update period;~~

18                receiving a new license if a new license is available, the new license  
19        having a new expiration date; and

20                receiving a temporary license if a new license is not available, the  
21        temporary license being valid for a temporary period,

22        in response to not receiving a license request within the license update period,  
23        ~~wherein the method further comprises making the license available to be issued to [[any]]~~  
24        another client if the client does not provide a license request.

1           20. (Original) A method as recited in claim 19, wherein a temporary license has  
2 been received and is within the temporary period, the method further comprising:

3           making a license request;

4           receiving the license as a reissued license if the license is available, the reissued  
5 license having a new expiration date;

6           receiving a new license if a new license is available and the license is not  
7 available, the new license having a new expiration date; and

8           having access to the software resources when the license is not received as a  
9 reissued license and a new license is not received.  
10

11           21. (Original) A method as recited in claim 19, wherein a temporary license has  
12 been received and is beyond the temporary period, the method further comprising:

13           making a license request;

14           receiving the license as a reissued license if the license is available, the reissued  
15 license having a new expiration date;

16           receiving a new license if a new license is available and the license is not  
17 available, the new license having a new expiration date; and

18           being denied access to the software resources if the license is not received as a  
19 reissued license and a new license is not received.  
20

21           22. (Original) A method as recited in claim 19, wherein the expiration date is a  
22 random date such that the period extending from the day the license is first received  
23 through the expiration date, is at least one day less than the length of the temporary  
24 period.  
25

1           **23.** (Original) A method as recited in claim 19, wherein the license update period  
2 begins a predetermined number of days before the expiration date.

3  
4           **24.** (Original) A method as recited in claim 19, wherein the temporary period is a  
5 90 day period.

6  
7           **25.** (Original) A method as recited in claim 19, wherein the expiration date is a  
8 random date selected between 52 and 89 days from the date the license is issued.

9  
10          **26.** (Original) A method as recited in claim 19, wherein the temporary license is  
11 non-renewable.

12  
13          **27.** (Original) Computer-readable media having computer-readable instructions  
14 for performing the method as recited in claim 19.

15  
16          **28.** (Original) A method as recited in claim 19, wherein the software resources are  
17 located on a terminal server.

18  
19          **29.** (Original) A method as recited in claim 28, wherein requesting a license  
20 update occurs upon accessing the terminal server.

21  
22          **30.** (Currently amended) A method comprising:  
23 receiving a license to access software resources, the license having an expiration  
24 date;



1        reaching the expiration date of the license without receiving a license request  
2        from the client, resulting in the license being returned to an available pool of licenses;

3        making a license request after the expiration date has been reached, ~~at which time~~  
4        ~~the license has been returned to an available pool of licenses;~~

5        receiving the license as a reissued license if the license is available, the reissued  
6        license having a new expiration date;

7        receiving a new license if a new license is available and the license is not  
8        available, the new license having a new expiration date; and

9        being denied access to the software resources if a reissued license or a new license  
10       is not received as a result of the license request.

11  
12       **31. (Canceled).**

13  
14       **32. (Original)** Computer-readable media having computer-readable instructions  
15       for performing the method as recited in claim 30.

16  
17       **33. (Original)** A method as recited in claim 30, wherein the software resources are  
18       located on a terminal server.

19  
20       **34. (Original)** A method as recited in claim 33, wherein making a license request  
21       occurs upon accessing the terminal server.

22  
23       **35. (Previously presented)** A license server comprising:  
24       an available license pool to store licenses;  
25

1 an assigned license pool to store information regarding licenses assigned to  
2 clients;

3 a request handling module to receive a license request;

4 a new license module to search the available license pool, setting an expiration  
5 date on a new license if a new license is available, and issuing the new license to a client;  
6 and

7 a license clean-up module operating periodically to review the assigned license  
8 pool and return any license to the available license pool which is found to have reached  
9 its expiration date.

10  
11 **36. (Original)** A license server as recited in claim 35, further comprising:

12 a same license module which, during a license update period, updates the  
13 expiration date of a license assigned to a client and reissues the license to the client as an  
14 updated license, and, after the license update period, searches in the available license pool  
15 for the license, updates the expiration date of the license, and reissues the license to the  
16 client as an updated license if the license is found in the available license pool.

17  
18 **37. (Original)** A license server as recited in claim 35, further comprising:

19 a temporary license module to issue a temporary license to a client during a  
20 license update period if the client loses a license, is not issued a new license, and has not  
21 yet been issued a temporary license, the temporary license having a temporary period.

22  
23 **38. (Original)** A license server as recited in claim 35, wherein periodically is daily,  
24 such that the license clean-up module operates on a daily basis to review the assigned  
25

1 license pool and return any license to the available license pool which is found to have  
2 reached its expiration date.

3  
4 39. (Original) A license server as recited in claim 36, wherein the license update  
5 period is a period of a predetermined number of days which immediately precedes the  
6 expiration date of the license.

7  
8 40. (Original) A license server as recited in claim 37, wherein each expiration  
9 date is a random date selected such that a period extending from the day a new license is  
10 issued through the expiration date of the new license, is at least one day less than the  
11 length of the temporary period.

12  
13 41. (Currently amended) A terminal server, comprising:  
14 a database to provide terminal server resources to a client;  
15 a client access module executing on the one or more processors for allowing  
16 access to the terminal server resources by a client having a license and denying access to  
17 the terminal server resources by a client not having a license; and,

18 a license request module configured to:

19 obtain a license for an unlicensed client that connects to the terminal  
20 server;

21 obtain a license update for a licensed client that connects to the terminal  
22 server during a license update period, wherein the license is made ~~and make the~~  
23 ~~license~~ available to other clients [[if]] in response to the client fails ~~failing~~ to  
24 connect to the terminal server during the license update period; and  
25

1           obtain a license update or a new license for a previously licensed client  
2           connecting to the terminal server after the license update period.  
3

4           **42.** (Original) A terminal server as recited in claim 41, wherein the license request  
5           module further obtains a temporary license for a licensed client that has lost its license  
6           and connects during the license update period.  
7

8           **43.** (Original) A system for licensing software, comprising:  
9           a license generator configured to receive a license purchase request, and to  
10          produce and transport licenses in response to the license purchase request; and,  
11

12          a license server configured to submit the license purchase request to the license  
13          generator and store the licenses received in response to the license purchase request in an  
14          available license pool; the license server further configured to issue individual licenses to  
15          individual clients from the available license pool, the individual licenses each having an  
16          expiration date; the license server further configured to return licenses that reach their  
17          expiration date to the available license pool.  
18

19          **44.** (Original) A system as recited in claim 43, wherein the license server is  
20          further configured to update the expiration date of a client's license and reissue the  
21          client's license to the client when the client requests a license during a license update  
22          period.  
23

24          **45.** (Original) A system as recited in claim 44, wherein the license server is  
25          further configured to search the available license pool for a client's license when the  
26          client requests a license after the license update period, and, if the client's license is

1 found in the available license pool, to update the expiration date of the client's license  
2 and reissue the client's license to the client.

3  
4 46. (Original) A system as recited in claim 45, wherein the license server is  
5 further configured to search the available license pool for a new license when the client's  
6 license is not found in the available license pool, and to set an expiration date for the new  
7 license and issue the new license to the client.

8  
9 47. (Original) A system as recited in claim 43, wherein the license server is  
10 further configured to issue a temporary license to the client when the client requests a  
11 license during a license update period and the client has lost its license.

12  
13 48. (Original) A system as recited in claim 47, wherein the temporary license has  
14 a temporary period and expiration dates are random dates which are set such that a period  
15 extending from the day a license is issued through the expiration date of the license, is at  
16 least one day less than the length of the temporary period.

17  
18 49. (Original) A system as recited in claim 43, further comprising:  
19 a terminal server to facilitate connectivity between the license server and clients  
20 for issuing licenses to clients, and to provide resources for clients having a license;  
21 the terminal server configured to obtain a license for an unlicensed client that  
22 connects to the terminal server;  
23 the terminal server further configured to obtain a license update for a licensed  
24 client that connects to the terminal server during a license update period;  
25

1 the terminal server further configured to obtain a license update or a new license  
2 for a previously licensed client connecting to the terminal server after the license update  
3 period.

4  
5 **50.** (Previously presented) The method of claim 1, wherein the method is  
6 implemented by a computer system, and wherein the issuing a license, receiving,  
7 providing, and reissuing are implemented by respective logic.

8  
9 **51.** (Previously presented) The method of claim 2, wherein the method is  
10 implemented by a computer system, and wherein the issuing a license, receiving,  
11 determining, issuing a new license, and issuing a temporary license are implemented by  
12 respective logic.

13  
14 **52.** (Previously presented) The method of claim 12, wherein the method is  
15 implemented by a computer system, and wherein the receiving, determining, reissuing,  
16 issuing, and denying are implemented by respective logic.

17  
18 **53.** (Previously presented) The method of claim 16, wherein the method is  
19 implemented by a computer system, and wherein the receiving a license, requesting, and  
20 receiving the license as a reissued license are implemented by respective logic.

21  
22 **54.** (Previously presented) The method of claim 19, wherein the method is  
23 implemented by a computer system, and wherein the receiving a license, requesting,  
24 receiving a new license, and receiving a temporary license are implemented by respective  
25 logic.

1  
2       **55.** (Previously presented) The method of claim 30, wherein the method is  
3 implemented by a computer system, and wherein the receiving a license, making,  
4 receiving the license as a reissued license, receiving a new license, and being denied  
5 access are implemented by respective logic.  
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